

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

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1. (Currently Amended) A video system, comprising:
a video source operable to transmit an active video signal on a transmission line;
a plurality of video receivers, each said receiver being operable to transmit a respective data signal on a respective one of a plurality of ports; and
a distribution device electrically connected to said transmission line and to each of said ports, said distribution device being operable to transmit each of the data signals to said video source on said transmission line, said distribution device including a plurality of amplifiers, each said amplifier having an input and an output, each said amplifier being operable to receive signals on said input for transmission on said output as amplified signals, each said amplifier being operable to block signals received on said output from being transmitted on said input, each said amplifier being operable to transmit a respective said amplified signal to a respective one of said receivers on a respective one of said ports, each of the amplified signals being dependent upon the active video signal and upon a data signal from the receivers other than said respective receiver
so that both the active video signal from the video source and a data signal from the receivers other than the respective receiver are transmitted to the respective receiver via said respective port.

2. (Original) The system of Claim 1 wherein the data signals transmitted by said receivers comprise upstream data signals, said video source being operable to transmit the active video signal and a downstream data signal on said transmission line, each said amplified signal being dependent upon the active video signal, the downstream data signal, and an upstream data signal from a receiver other than said respective receiver.

3. (Original) The system of Claim 1 wherein each said amplified signal is dependent upon the active video signal and upon each of the data signals from the receivers other than said respective receiver.

4. (Original) The system of Claim 1 wherein each said amplifier comprises a one-way active device that transmits signals only on its output.

5. (Original) The system of Claim 1 wherein said distribution device includes bypass circuitry operable to transmit the data signals from each of the receivers to the transmission line and to the inputs of said amplifiers such that the data signals bypass said amplifiers.

6. (Original) The system of Claim 5 wherein said bypass circuitry is operable to transmit the data signals from each of the receivers to the transmission line and to the inputs of all of said amplifiers not corresponding to said receiver from which said data signal originates.

7. (Original) The system of Claim 1 wherein said transmission line comprises a coaxial cable.

8. (Currently Amended) A video system, comprising:
a video source operable to transmit an active video signal on a transmission line;
a plurality of video receivers, each said receiver being operable to transmit a respective data signal on a respective port; and

a distribution device in electrical communication with said transmission line and with each of said ports, said distribution device being operable to transmit each of the data signals to said video source, said distribution device including a plurality of active devices, each said active device being operable to transmit a respective active-device-signal to a respective one of said receivers on a respective one of said ports, each of the active-device-signals being dependent upon the active video signal and upon at least one of the data signals from the receivers other than said respective receiver so that both the active video signal from the video source and at least one of said data signals from the receivers other than said respective receiver are transmitted to said respective receiver via said respective port.

9. (Original) The system of Claim 8 wherein each said active device has an input and an output, each said active device being operable to pass signals from said input to said output and to prevent signals from passing through said active device from said output to said input.

10. (Original) The system of Claim 8 wherein the data signals transmitted by said receivers comprise upstream data signals, said video source being operable to transmit the active video signal and a downstream data signal on said transmission line, each said active-device-signal being dependent upon the active video signal, the downstream data signal, and an upstream data signal from the receivers other than said respective receiver.

11. (Original) The system of Claim 8 wherein each said active-device-signal is dependent upon the active video signal and upon each of the data signals from the receivers other than said respective receiver.

12. (Original) The system of Claim 8 wherein each said active device comprises a one-way active device that transmits signals only on its output.

13. (Original) The system of Claim 8 wherein said distribution device includes bypass circuitry operable to transmit the data signals from each of the receivers to the transmission line and to respective inputs of said active devices such that the data signals bypass said active devices.

14. (Original) The system of Claim 13 wherein said bypass circuitry is operable to transmit the data signals from each of the receivers to the transmission line and to the inputs of all of said amplifiers not corresponding to said receiver from which said data signal originates.

15. (Original) The system of Claim 8 wherein said transmission line comprises a coaxial cable.

16. (Currently Amended) A video distribution apparatus, comprising:
a first port configured to be electrically connected to a video source;
a plurality of second ports, each said second port being configured to be electrically connected to a respective video receiver;
a plurality of active devices, each said active device having an input and an output, each said output being electrically connected to a corresponding one of said second ports, each said input being configured to receive active video signals from the video source via said first port; and
bypass circuitry operable to transmit data signals from each of the second ports to the first port and to the inputs of said active devices such that the data signals bypass said active devices
each said active device being operable to transmit both active video signals from the video source
and the data signals from said second ports received at the input of said active device to the second port corresponding to said active device.

17. (Original) The apparatus of Claim 16 wherein said bypass circuitry is operable to transmit data signals from each of the second ports to the first port and to the inputs of all of said amplifiers not corresponding to said second port from which said data signal originates.

18. (Original) The system of Claim 16 wherein each said active device is operable to pass signals from said input to said output and to prevent signals from passing through said active device from said output to said input.

19. (Original) The system of Claim 16 wherein the data signals from said second ports comprise upstream data signals, each said input of said active devices being configured to receive active video signals and downstream data signals from the video source via said first port, each said active device being operable to transmit output signals dependent upon the active video signals, the downstream data signals, and the upstream data signals.

20. (Original) The system of Claim 16 wherein each said active device comprises a one-way active device that transmits signals only on its output.

21. (Original) The system of Claim 16 wherein said bypass circuitry is operable to transmit the data signals from each of the second ports to the first port and to the inputs of only said active devices other than said active device that corresponds to said second port from which said data signal originates.

THE DISCLOSURE OF JELINEK

Jelinek relates to a bi-directional cable television system including a UHV filter. Two way communication in Jelinek between a headend and a subscriber terminal 10 is provided by having separate frequency bands for each communication path as illustrated, for example, in Fig. 5. Jelinek does not disclose or suggest transmitting signals back to the headend 30 and from one subscriber terminal 10 to another.

Claim 1

Independent claim 1 has been amended to more particularly point out and distinctly claim that "both the active video signal from the video source and at least one of said data signals from the receivers other than said respective receiver are transmitted to said respective receiver via said respective port". Applicant submits that this is what was meant by the phase "each of the amplified signals being dependent upon the active video signal and upon a data signal from the receivers other than said respective receiver" in original claim 1. Therefore, the amendment is not a narrowing amendment.

As discussed above, Jelinek discloses transmitting signals from a headend 30 of a cable television system to a subscriber terminal 10 and from the subscriber terminal 10 back to the headend 30 at different frequencies. Jelinek does not disclose or suggest transmitting data signals from one subscriber terminal 10 to another.

For at least these reasons, Applicant submits that independent claim 1 patentably defines the invention over Jelinek. Therefore, Applicants submit that independent claim 1, as well as dependent claims 2-7, are in condition for allowance. Such action is respectfully requested.

Claim 8

Independent claim 8 has also been amended to more particularly point out and distinctly claim that "both the active video signal from the video source and at least one of said data signals from the receivers other than said respective receiver are transmitted to said respective receiver via said respective port". Applicant submits that this is what was meant by the phase "each of the active-device-signals being dependent upon the active video signal and upon at least one of the data signals from the receivers other than said respective receiver" in original claim 8. Therefore, the amendment is not a narrowing amendment.

As discussed above, Jelinek discloses transmitting signals from a headend 30 of a cable television system to a subscriber terminal 10 and from the subscriber terminal 10 back to the